

Best educational apps for iPads, iPhones and iPods

Lucie Lindsay, Kohia Terrace School

Objectives

Inspire students' learning with these recommended interactive educational apps for the iPad, iPhone and iPod.

Kohia Terrace School's journey evaluating, upskilling and using free and inexpensive apps in year 0-8 classrooms to enhance student learning and develop skills, competencies, innovation and creativity.

Also covered will be our recommended apps for year 4-8 students who BYOD (Bring your own device).



My roles

Classroom Teacher,
Professional Learning Community Leader
ICT Lead teacher





- Our journey (and what you'll need)
- Recommended apps and ways to use them
- How to find apps and evaluate them
- Sharing of resources
 - apps wiki
 - pedagogy website.



KOHIA

TERRACE SCHOOL

- **Our journey (what we needed)**
 - Infrastructure
 - Staff Professional Development (technology and pedagogy)





Our journey

- 2011
 - Strategic plan - Principal Alison Spence
 - an Ipad touch for each class room
 - Professional Development (ICTeas)
 - BYOD (bring your own device) years 4-8
 - Board, Community presentations
- 2012
 - Ipad for each class room, Y4-8 BYOD,
 - Professional Learning Community apps for learning

Features on mobile devices

- Powerful learning device
- Wikipedia
- google
- dictionary
- camera/video
- calculator
- translator
- many free educational games



Another justification – Key trend

New Media Consortium 2012

Emerging Technologies K12 report

- “mobile devices & apps and tablet computing as **the top** emerging technology expected to enter mainstream [educational] use in one year or less.”

NMC (New Media Consortium includes the Consortium of School Networking (CoSN), and the International Society for Technology in Education (ISTE) (Johnson et al, 2012, *NMC Horizons K12*, retrieved from <http://www.nmc.org/pdf/2012-horizon-report-K12.pdf>, p.7)

NMC re BYOD

- “growing number of schools are launching “Bring Your Own Device” programs so that students can use the devices they already own in class as well as in the informal and out- of-school environments they are ubiquitous in now”
- “BYOD impacts budgets; schools can spend less money on technology overall if students use their own, while funneling the funds they do spend to help students who cannot afford their own devices”
 - (New Media Horizons K12 report Johnson et al, 2012, ibid, p.7)

Research-mobile devices and apps

- **Provide unique educational opportunities:**
 - differentiate, personalise learning
 - facilitate collaboration
 - link formal and informal learning contexts

Munawar, M. (2011). Assessing the m-learning hype: Do mobile technologies enhance the overall learning experience? *In Proceedings of World Conference on E-Learning in Corporate, Government, Healthcare, and Higher Education 2011* (pp. 792-807). Chesapeake, VA: AACE.

Infrastructure for apps

Devices safety

- ISP filters content
- Agreement of use
 - School policy for students and parents
 - Passcodes on
 - Restrictions set to age appropriate levels
 - iTunes store off
 - Device information to connect to network

BYOD paperwork

- ICT contract parents/student sign
 - cybersafety
 - security

(look under Settings > General > About >)

--	--	--	--	--	--	--	--	--	--	--

Please write the **Wi-Fi Address** of your child's device here:

(look under Settings > General > About >)

		:			:			:			:			:		
--	--	---	--	--	---	--	--	---	--	--	---	--	--	---	--	--

Please write the **Passcode Lock PIN** number of your child's device here:

(write the number you designated in Settings > General > Passcode Lock >)

--	--	--	--

I have read and understood the Kohia Terrace School Mobile Device User Agreement and I agree to abide by its terms. I am aware that failure to abide by these terms may result in the forfeit of

Device Restrictions

- Settings>General>Restrictions
- www.censorship.govt.nz
- www.bsa.govt.nz



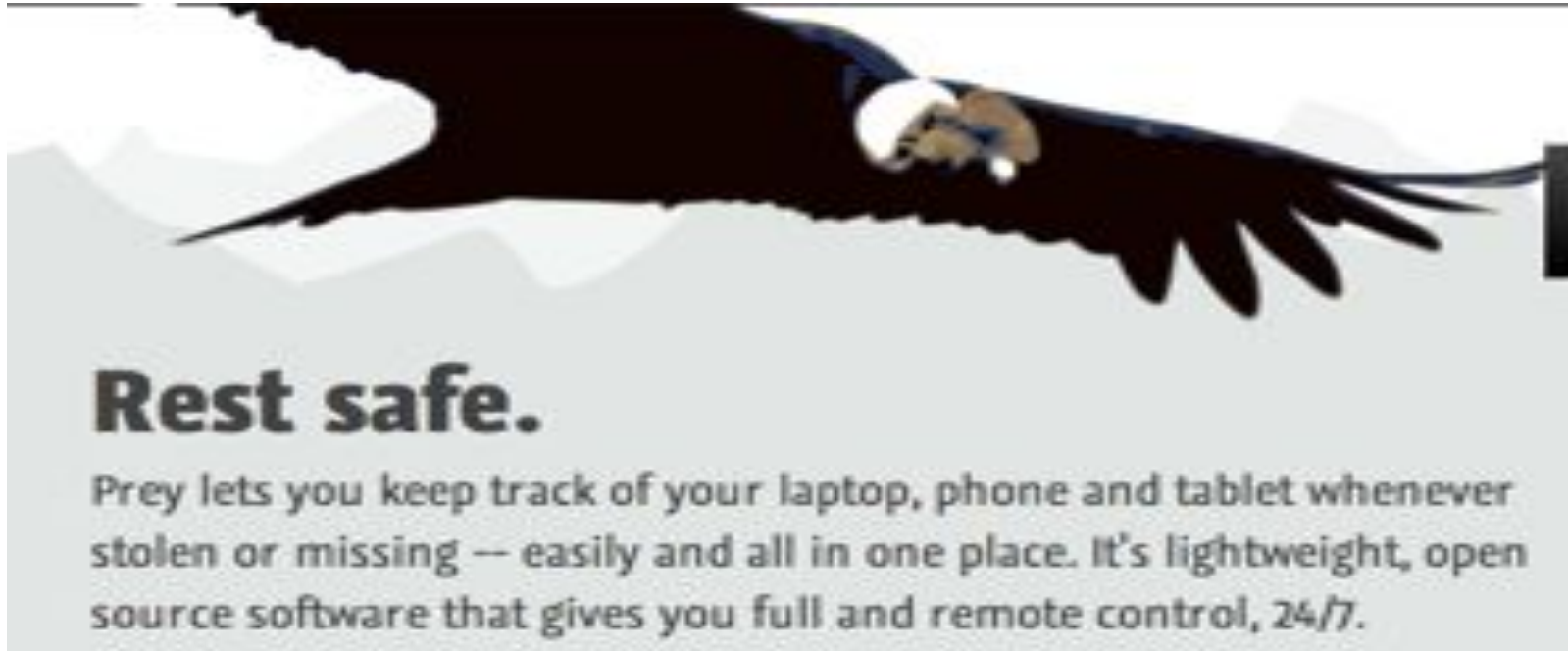
Infrastructure

- **Robust wireless network – extra capacity**
 - separate to school one. Secure. Time limits
- **Hardware Projectors with HDMI**
 - high definition multimedia interface and began rolling in Apple TV, cables, or dongles (mini displayport to VGA adaptor)
- **Gmail school addresses**
 - Enables use of Google Apps such as shared docs

Find My iPod Touch



Prey - app to track devices



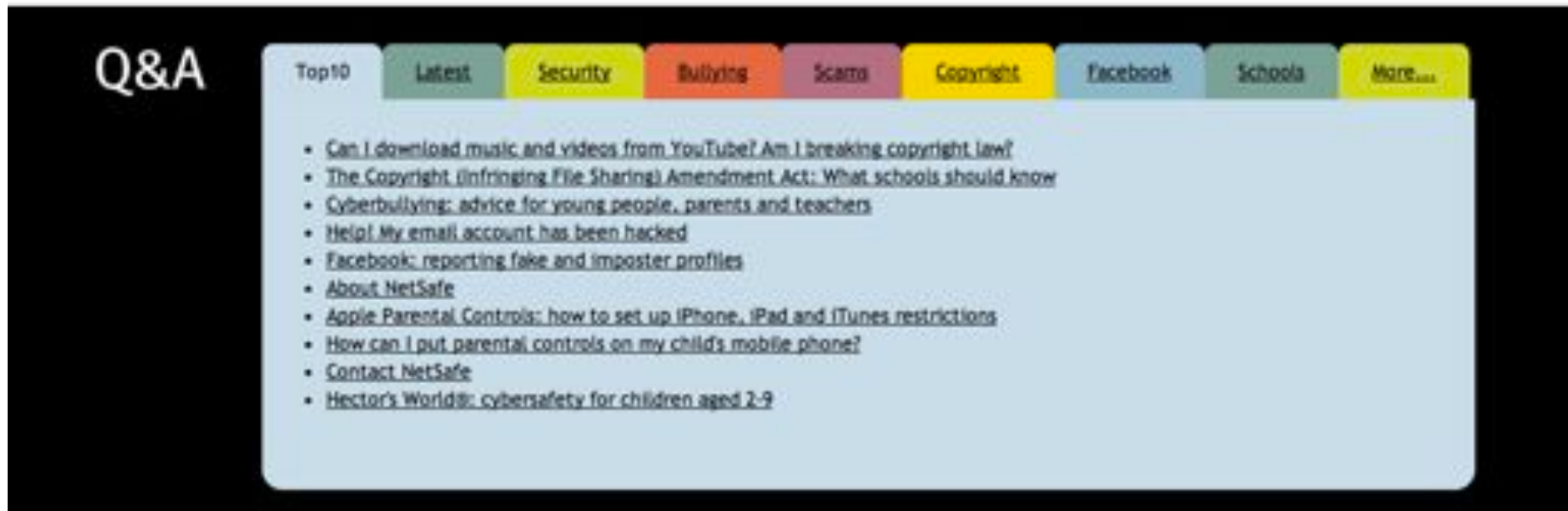
<http://preyproject.com/>

App - cybersafety

- Student agreement
- Network restrictions
- Teacher supervision
- **Digital citizenship education** and
- **Keeping ourselves safe** classroom education
- Netsafe parent presentation

Cybersafety

- www.netsafe.org.nz Community presentation
- Netsafe is an independent non-profit organisation that promotes confident, safe and responsible use of Cyberspace.



The screenshot shows the Netsafe Q&A page. On the left, there is a large 'Q&A' header. To the right, there is a navigation bar with tabs labeled 'Top10', 'Latest', 'Security', 'Bullying', 'Scams', 'Copyright', 'Facebook', 'Schools', and 'More...'. The 'Top10' tab is currently selected, displaying a list of ten questions in a light blue box. The questions are:

- Can I download music and videos from YouTube? Am I breaking copyright law?
- The Copyright (Infringing File Sharing) Amendment Act: What schools should know
- Cyberbullying: advice for young people, parents and teachers
- Help! My email account has been hacked
- Facebook: reporting fake and imposter profiles
- About NetSafe
- Apple Parental Controls: how to set up iPhone, iPad and iTunes restrictions
- How can I put parental controls on my child's mobile phone?
- Contact NetSafe
- Hector's World®: cybersafety for children aged 2-9